

**ABSTRACT****5 AN IMPROVED DEVICE FOR THE CONTROL OF HETEROGENEOUS  
EQUIPMENT IN A TELECOMMUNICATION NETWORK**

A management device or arrangement (D) for a communication network which includes a multiplicity of network equipment elements, each associated with a  
10 primary data management protocol, includes, firstly, mediation means (MM) coupled to equipment elements and to functional interface means (MIF) and with system interface means (MIS) coupled to a network management system (NMS), and secondly protocol adaptation modules (Pa-j), in number at least equal to the number of management protocols associated with the equipment elements. The  
15 protocol adaptation modules (Pa-j) are each charged i) with converting the primary data coming from an equipment element (NE-ij) in accordance with a management protocol, into secondary data adapted to the mediation means (MM), and ii) to convert the secondary data, which are intended for an equipment element (NE-ij), into primary data in accordance with a management protocol  
20 adapted to this equipment. In addition, these mediation means (MM) are configured, when they receive primary or secondary data, to determine the associated equipment (NE-ij), and then to feed the protocol adaptation module (PA-j) corresponding to the determined equipment, in order that it will perform the data conversion.

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(Figure 2)